

5751

Diag'd. on Diag. Ch. No. 1210-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic (Shoreline)

Field No. CS-310 Office No. T-5751

LOCALITY

State Rhode Island

General locality Narragansett Bay

Locality Conanicut and Prudence Islands

1941-'44

CHIEF OF PARTY

R.W.Knox

LIBRARY & ARCHIVES

DATE

B-1870-1 (1)

5751

6 FEB 1950

Director
U. S. Coast and Geodetic Survey
Department of Commerce
Washington, D. C.

ATTN: Mr. C. Davies

Dear Sir:

Reference is made to the verbal inquiries made by Mr. Kunis, U. S. Coast and Geodetic Survey, concerning declassification of aerial photography of certain areas located in the First Army area. Mr. Kunis requested the following information:

- (1) Appropriate classification of aerial photography of the area of New Bedford, Massachusetts. 47C1677-1760
- (2) Appropriate classification of shoreline survey maps covering the Narragansett Bay area. { T-5748
T-5749
T-5750
T-5751
- (3) Appropriate classification of eight (8) aerial photographs of Portland, Maine and vicinity.

47C-2117-2123

The photographic material and maps indicated above may be released or published as unclassified material.

Very truly yours,

A. HANSEN
Colonel, USAF
Chief, Reconnaissance Branch
Air Intelligence Requirements Div.
Directorate of Intelligence

DATA RECORD

T- 5751

Quadrangle (II):

Project No. (II): CS 310

Field Office:

Chief of Party: R. W. Knox

Compilation Office: Washington Chief of Party: R. W. Knox

Division of Photogrammetry

Office Files

Instructions dated (II III):

Copy filed in Descriptive
Report No. (VI)

Sept. 30 & Oct. 2, 1944

~~Completed Survey Received in Office~~

Manuscript completed in Washington

Reported to Nautical Chart Section: 5-29-45

Reviewed: 2 May 1949 Applied to chart No. 278 Date: May 1945

Redrafting Completed:

353 (Part) "
1210 (Part) "

Registered: July 25, 1949

Published:

Compilation Scale: 1:20,000

Published Scale:

Scale Factor (III): 1.0

Geographic Datum (III): NA 1927

Datum Plane (III): MHW

Reference Station (III): Reynolds, 1868

Lat.: $41^{\circ}33' 44.996''$ Long.: $71^{\circ} 26' 52.185''$ Adjusted
Unadjusted

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
2114-2126	6-27-44	12:00	1:20,000	
2140-2145	7-1-44	9:30	1:20,000	
2156-2159	7-1-44	9:45	1:20,000	
7415 & 7416	10-41		1:24,000	
7424 & 7425	10-41		1:24,000	

Ref. Sta.
Tide from (III): Newport - Wickford

Mean Range: 4.1 Spring Range: 5.1

Camera: (Kind or source) U.S.C.&G.S. Camera C & Nine Lens

Field Inspection by: R. M. Berry date: October 1944
D. L. Greene

Field Edit by: None date:

Date of Mean High-Water Line Location (III): Same as date of photographs

Projection and Grids ruled by (III) Ruling Machine date: Sept 1944

" " " checked by: date: Sept 1944

Control plotted by: J. N. Henningsen date: Nov. 1944

Control checked by: K. N. Make date: Nov. 1944

Radial Plot by: D. L. Greene date: Dec. 1944

Detailed by: Wm. F. Doescher & E. H. Snyder date: June 1945

Reviewed in compilation office by: J. L. Rihn date: June 1945

Elevations on Field Edit Sheet
checked by: None date:

STATISTICS (III)

Land Area (Sq. Statute Miles):

Shoreline (More than 200 meters to opposite shore):

Shoreline (Less than 200 meters to opposite shore):

Number of Recoverable Topographic Stations established:

Number of Temporary Hydrographic Stations located by radial plot:

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

①

MAP T-5751 PROJECT NO. 310 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR λ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
Camp Endicott, Elev. Tank, 1944	1	N.A. 1927	41 36	53.362								
Camp Thomas, Elev Tank, West, 1944		"	71 25	07.889								
			41 36	26.168								
			71 27	01.615								
Camp Thomas, Elev Tank, East, 1944		"	41 36	15.859								
			71 26	06.315								
Quonset N.A.S., Elev Tank, North, 1944		"	41 35	45.512								
			71 25	24.311								
Quonset NAS, Elev Tank, South, 1944		"	41 35	23.991								
			71 25	17.316								
Quonset N.A.S., AOB Bldg 61, Control Tower, 1944		"	41 35	36.124								
			71 24	45.530								
Quonset Aero Light, 1944		"	41 35	30.422								
			71 24	54.113								
Quonset, NAS, W. Radio Mast, 1944		"	41 35	20.300								
			71 25	49.990								
Quonset, NAS, S, Radio Mast, 1944		"	41 35	16.878								
			71 25	47.356								
Quonset, NAS, E. Radio Mast, 1944		"	41 35	20.300								
			71 25	44.726								
Quonset, NAS, Incinerator Stack, 1944		"	41 35	20.69								
			71 24	31.06								
North Kingstown, Standpipe, 1944		"	41 34	29.296								
			71 27	50.779								

1 FT. = 3048006 METER

COMPUTED BY:

DATE

CHECKED BY:

DATE

M-2388-12

MAP T. 57.57 PROJECT NO. 310 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
Wickford Lighthouse, 1888		NA 1927	41 34	21.184								
Wickford L.H., Old Tower, 1843		"	71 26	14.601					473.81			
			41 34	15.358					526.38			
			71 26	22.720								
Reynolds, 1868		"	41 33	44.996								
			71 26	52.185								
Hamilton Power Station, Chy, 1912		"	41 33	04.223					130.28			
			71 26	25.248					584.85			
Plum Beach Lighthouse, 1912		"	41 31	48.609								
			71 24	20.592								
Jamestown Bridge, E. Beacon, 1943		"	41 31	36.411								
			71 23	49.908								
Jamestown Bridge, W. Beacon, 1945		"	41 31	37.657								
			71 23	58.160								
Gould Island, Tank, 1932		"	41 32	01.235					38.04			
			71 20	42.273					978.97			
Prudence Island Lighthouse, 1912		"	41 36	20.798								
			71 18	14.587								
Smith Stone Bathhouse, Cup, 1912		"	41 36	14.72								
			71 16	31.26								
Melville, Gray Tank, 1932		"	41 35	25.547								
			71 17	12.733								
Medville, Red Stack, 1932		"	41 35	18.206					561.67			
			71 17	14.117					327.28			

1 FT. = 3048006 METER

COMPUTED BY:

DATE

CHECKED BY:

DATE

M-2388-12

MAP T-5751 PROJECT NO. 310 SCALE OF MAP 1:20 000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR U-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
Dutch Windmill, 1912		NA 1927									
Gull, Rocks, 1934		"	41 30	08.300							
Dutch Island		"	71 20	00.771							
Lighthouse, 1868		"	41 29	47.777							
Wickford, Episcopal		"	71 24	17.321							
Chock Spire, 1912		"	41 34	17.753							
Quonset, 1944		"	71 27	02.037							
Sand, 1912		"	41 35	25.736							
Rome, 1912		"	71 24	17.103							
Allen, 1944		"	41 33	27.700							
Conanicut Island		"	71 23	05.335							
Light, 1944		"	41 32	50.768							
Wickford Harbor		"	71 25	30.787							
Light, 1944		"	41 36	43.926							
Quonset, NAS,		"	71 24	48.645							
Bo. Ho. Pole, 1944		"	41 34	24.166							
Quonset, NAS, Hasting		"	71 22	19.231							
Plant Stack, 1944		"	41 34	21.080							
		"	71 26	14.485							
		"	41 35	11.937							
		"	71 24	46.214							
		"	41 35	26.007							
		"	71 25	12.880							

MAP T. 5751 PROJECT NO. 310 SCALE OF MAP 1:20000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
					FORWARD	(BACK)			FORWARD	(BACK)	FORWARD	(BACK)
Quonset NAS, Surphoe		NA	41	35	14.598							
Hunger 2, Catrol Tr, 1444		1927	71	25	18.328							
Barber Heights, 1868		"	41	31	44.329							
		"	71	25	28.224							
Round Tower, 1912		"	41	34	14.01							
Queen Winter, Water		"	71	21	59.60							
Tower, 1912		"	41	31	52.109							
		"	71	25	34.603							
Flagstaff, 1913		"	41	36	12.746							
Burn M.,		"	71	16	24.891							
Cupola, 1915		"	41	35	34.88							
		"	71	18	55.67							
Brad, 1915		"	41	35	23.856							
		"	71	16	32.703							
Mill, 1915		"	41	30	55.694							
		"	71	22	28.657							
Chimney B, 1915		"	41	34	13.771							
		"	71	21	59.216							
Windmill L, 1915		"	41	35	59.699							
		"	71	18	51.004							
Chimney N, 1915		"	41	32	36.222							
Gould Island		"	71	22	34.644							
Lighthouse, 1897		"	41	32	02.65							
		"	71	20	37.29							

MAP T-5751 PROJECT NO. 310 SCALE OF MAP 1:20000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
Hamilton Mills, Cupola, 1868		NA 1927	41 32	56.955							
Wickford Baptist Church, 1868		"	71 26	17.140							
Vaughn House, Cupola, 1868		"	41 34	19.023							
Browning House, Cupola, 1868		"	71 27	05.440							
Anderson Barn, Cupola, 1868		"	41 34	25.07							
Pine Hill, 1843		"	71 27	45.79							
Marshall, 1932 (Prob. Pest)		"	41 32	00.27							
Overlook, 1934		"	71 26	49.65							
Dyer Island, 1843		"	41 33	40.76							
Hull, 1868		"	71 17	23.57							
Out, 1915		"	41 37	59.921							
USNG, 1932		"	71 20	35.913							
		"	41 32	41.624							
		"	71 18	00.235							
		"	41 35	04.551							
		"	71 16	43.921							
		"	41 34	52.699							
		"	71 17	55.606							
		"	41 32	14.025							
		"	71 22	36.344							
		"	41 33	47.391							
		"	71 21	45.459							
		"	41 35	07.508							
		"	71 17	14.876							

MAP T-5751 PROJECT NO. 310 SCALE OF MAP 1:20000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
Front Range Beacon		NA	41 32 47.335							
S. End, 1932		1927	71 21 42.237							
Rear Range Beacon		"	41 32 47.421							
S. End, 1932		"	71 21 45.821							
Gould Island		"	41 31 45.522							
Beacon, 1932		"	71 20 40.273							
Trial Course, Rear		"	41 33 47.250							
Range Pole, Nend, 1915		"	71 21 48.816							
Trial Course, Front		"	41 32 49.809							
Range Pole, S. end, 1915		"	71 21 41.292							
Trial Course, Rear		"	41 32 49.740							
Range Pole, S. end, 1915		"	71 21 45.344							
Hope Island, 1943		"	41 36 09.754							
		"	71 21 59.734							
Conanicut L.H. 1888		"	41 34 24.176							
Halfway Rocks		"	71 22 19.994							
Beacon, 1912		"	41 33 49.29							
		"	71 19 58.48							
Fox, 1912		"	41 33 15.723							
		"	71 25 04.374							
Raposo, 1934		"	41 32 03.89							
		"	71 18 43.27							
Melville N. Radio		"	41 35 16.794	Not visible on photographs						
Tower, 1932		"	71 16 57.843							

1 FT. = 3048006 METER

COMPUTED BY:

DATE

CHECKED BY:

DATE

M. 2388-12

MAP T-5751 PROJECT NO. 310 SCALE OF MAP 1:20000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
McLellan S. Radio Tower, 1932		NA 1927	41 35 12.067 71 17 01.687	Not visible on photographs			
Nag, 1913		"	41 37 48.661				
McLellan, Yellow Stack, 1932		"	71 18 59.379 41 35 18.328 71 17 11.605			565.24 268.80	
Gould Island, 1843		"	41 32 03.750 71 20 42.130				
Der, 1913		"	41 37 55.739 71 20 56.519				
Bight, 1913		"	41 37 30.018 71 19 36.134				
Allen, 1912		"	41 36 57.634 71 24 33.829				
Seal, 1912		"	41 35 52.360 71 22 23.499				
Dyer, 1906		"	41 34 41.77 71 18 05.28				
Brat, 1913 Jameson Bridge E Navigation Lt, 1943		"	41 31 36.190 71 23 45.971				
Jameson Bridge, W. Navigation Lt, 1943		"	41 31 37.432 71 23 58.213				

1 FT. = 3048006 METER

COMPUTED BY:

DATE

CHECKED BY:

DATE

M. 2388-12

FIELD INSPECTION REPORT

T-5749, T-5750, and T-5751

Original filed in ~~Review Unit~~ Photogrammetric Section
Descriptive Report for T 5949

1. Description of the Area: The area covered by these surveys is at the northern end of Narragansett Bay from Wickford to Patuxent on the Providence River, and also the Mount Hope Bay area through Fall River, Mass. The shoreline in this vicinity is in general characterized by narrow sandy beaches with bluffs in places ranging up to 20 feet in elevation, and is not developed to any large extent except in Greenwich Bay, Warren, Bristol, and Fall River harbors.

2. Completeness of Field Inspection: Due to time limitation and in accordance with instructions, field inspection consisted solely of the identification of horizontal control and the inspection and interpretation of high water line and along shore structures. This was accomplished by a two-man party, operating partly by truck and partly in a skiff. High water line was indicated on the photographs in accordance with "Supplemental Instructions - Shoreline inspection" dated March 18, 1944. Some small inlets were not entered and high water line must be interpreted by comparison with similar shoreline in the vicinity.

Due to the lack of photograph coverage, Prudence Island and the southernly end of Popasquash Neck were not field inspected, but recovery of control stations was effected in these areas.

3. Interpretation of the Photographs: No single line exists on the photographs that can generally be considered as indicative of the position of mean high water line. The shoreline is usually characterized by sandy beaches and the high water line is usually within this sandy area. Dark patches sometimes seen on the photographs adjacent to the off-shore line of the beach are grass in water.

4. Horizontal Control: No attempt was made to recover all the control stations in the area. A careful evaluation of available control was made in the Washington Office and stations whose recovery was deemed essential to the proper laying of the radial plot were selected and designated for recovery. All necessary stations were recovered. Additional control currently established by the hydrographic party under the direction of Lieutenant Commander I. E. Rittenburg in the Quonset Point Naval Base area were identified on the photographs by members of that party and no further attempt was made to enter this area. Copies of the field positions for these stations are furnished.

Field Inspection Report
Page 2

While the field party was operating in this area, it was found that the Rhode Island Commission of Shell Fisheries had instituted a system of horizontal control and had placed numerous stations throughout the area. The positions for these stations are based on a plane coordinate system which is said to be based on U. S. Coast and Geodetic Survey triangulation stations, using North American Datum positions as previously published in Special Publication No. 62 "Triangulation in Rhode Island", and using Fort Independence 2 as its origin. The complete records of this control system are in the custody of:

Mr. Harold M. Gibbs
Division of Fish and Game
Room 12, State House
Providence, Rhode Island

and it is suggested that he be contacted if further information is required. *Not used for the radial plot.*

5. Vertical Control: Does not apply to this sheet.
6. Contours and Drainage: Does not apply to this sheet.
7. Mean High Water Line: See preceding paragraph 2.
8. Low Water Line: No attempt was made to delineate low water line.
9. Wharves and Shoreline Structures: Sufficient ink notes were made on the field photographs to enable the compiler to classify shoreline structures.
10. Details Off-shore from the High Water Line: All rocks and wrecks visible on the photographs were indicated by appropriate notes. All other similar features not visible on the photographs but in evidence at the time of field inspection were located by sextant fixes.
11. Landmarks and Aids to Navigation: Landmarks and fixed aids to navigation were indicated on the field photographs and positions will be obtained from the radial plot. Forms 567 "Landmarks for Charts" are being submitted herewith. Geographic positions will be entered on these during the office compilation and the forms turned over to the Nautical Chart Section. Recommendations for landmarks and fixed aids to navigation within the area covered by sheet T-5751 are being submitted by the hydrographic party of Lt. Comdr. I. E. Rittenburg and no additional inspection was made in this area.

12. Hydrographic Control: No stations were established for hydrographic control, but certain landmarks and aids to navigation will partly fill this need.

13. Landing Fields and Aeronautical Aids: There is only one landing field within the area covered by this survey - the U. S. Naval Air Station at Quonset Point, and the only aid to navigation is the beacon at the Naval Air Station.

14. Road Classification: No attempt was made to classify roads.

15. Bridges: All bridges were noted on the field photographs with their position and location of draw span. For other data concerning these bridges reference is made to "List of Bridges over the Navigable Waters on the United States" revised to July 1, 1941.

16. Buildings and Structures: No complete inspection of buildings was undertaken, but all large structures along the shoreline were identified where necessary.

No attempt was made to inspect buildings within the Naval Air Station and its satellite facilities, but a plan of the area was provided and is submitted for the assistance of the compiler in detailing this area.

17. Boundary Monuments and Lines: No investigation of boundary line was made.

18. Geographic Names: No investigation of geographic names was made.

Respectfully submitted,

Ralph Moore Berry
Cartographic Engineer

Compilation Report
T-5751

26 Control

See Compilation for T-5749. The following triangulation stations, in the area covered by T-5751, were used to control the radial plot:

^d
Camp Enicott, Elev. Tank, 1944
Camp Thomas, Elev. Tank, West, 1944
Camp Thomas, Elev. Tank, East, 1944
Quonset, N.A.S., Elev. Tank, North, 1944
Quonset, N.A.S., Elev. Tank, South, 1944
Quonset, N.A.S., A.O.B. Building No. 61, Control Tower, 1944
Quonset Aero Light, 1944
Quonset, N.A.S., W. Radio Mast, 1944
Quonset, N.A.S., S. Radio Mast, 1944
Quonset, N.A.S., E. Radio Mast, 1944
Quonset, N.A.S., Incinerator Stack
North Kingstown, Standpipe, 1944
Wickford Lighthouse, 1888
Wickford Lighthouse, Old Tower, 1843
Reynolds, 1868
Hamilton Power Station, Chimney, 1912
Plum Beach Lighthouse, 1912
Jamestown Bridge, E. Beacon, 1943
Jamestown Bridge, W. Beacon, 1943
Gould Island, Tank, 1932
Prudence Island Lighthouse, 1912
Smith Stone Boathouse, Cupola, 1912
Melville, Gray Tank, 1932
Melville, Red Stack, 1932
Dutch Windmill, 1912
Gull Rocks, 1934
Hog Island Shoal Lighthouse, 1913
Wickford Episcopoi Church Spire, 1912

27 Radial Plot

See Compilation Report for T-5749

28 Detailing

The area of this map manuscript covers the West Passage of Narragansett Bay from the Jamestown North Kingstown Bridge to Calf Pasture Point and the East Passage of Narragansett Bay from North of Coddington Cove to Arnold Point. The North half of Conanicut Island and the south half of Prudence Island were detailed completely. The detail extends inland from 0.5 mile to 2 miles along the mainland and Aquidneck Island.

The detail was compiled, in accordance with instructions, from the single-lens photographs taken in 1944 in the area covered. The remainder of the map manuscript was detailed from the nine-lens photographs taken 1941. Areas covered by 1944 photography are in the vicinity of Quonset Point, Aquidneck Island and the southern end of Prudence Island.

In view of incomplete field inspection (see item 2 Field Inspection Report) the shoreline and shoreline structures in some areas were interpreted by comparison with similar field inspected shoreline in the area. Since no field inspection was accomplished back of the shoreline, roads and woods have been classified at the discretion of the compiler, with the aid of existing maps. The U.S.G.S. quadrangles were used exclusively to identify public buildings not indicated by the field party. No field inspection was accomplished in the areas detailed from the nine-lens photographs.

All wooded or brush areas are outlined and each area is classified as to type and density. Roads are divided in two classes: road 1 includes all improved or well-drained roads, and road 2 includes track roads or unimproved roads. Roads not classified on the manuscript are road 1. Triangulation stations are indicated with small triangles. ~~All landmarks or fixed aids to navigation, which are not triangulation stations are shown with small black circles.~~

30 Mean High Water Line

The mean high water line in part was determined by the field inspection party and indicated on the field photographs. The remainder was determined stereoscopically by the office compiler. The high water line is shown with a continuous, heavy line.

31 Low Water and Shoal Lines

An attempt has been made to delineate the low water line and ~~shoal~~^{shoal} areas in the compilation office, however, these lines should be considered as only approximate. ~~Shoal~~^{shoal} areas are indicated with a dashed line and low water line with a dotted line.

32 Details Off-shore from the Mean High Water Line

All off-shore detail indicated by the field inspection party and those that could be delineated by the compiler have been made. The off-shore details are only partially completed.

33 Wharves and Shoreline Structures

Areas covered by the field inspection party were complete, the remainder of the areas were delineated stereoscopically by the compiler and are also believed to be complete.

44 Comparison with Existing Topographic Quadrangles

A general comparison was made and minor discrepancies were apparent over the entire area of the sheet.

Note: The compilation report was prepared during final review.

GEOGRAPHIC NAMES

Survey No. T-5751

PROJECT CS-310

[illegible]

GEOGRAPHIC NAMES

Survey No. T-5751

2	Name on Survey	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
		A	B	C	D	E	F	G	H	K
	Hog Island Shoal									1
	Prudence Island									2
	Northeast Point									3
	Nag Pond									4
	Jenny Pond									5
	Pine Hill Point									6
	Mill Creek	Not	shown	on	map	was	not	used		7
	Homestead									8
	Schoolhouse Swamp				//					9
	Narragansett Avenue									10
	Sandy Point								USGB	11
	Prudence									12
	Prudence School									13
	Broadway									14
	Bullocks Wharf									15
	Crows Swamp				//					16
	South Point									17
	Despair Island									18
	Hope Island									19
	Soup Rock									20
	Round Rock									21
	Gooseberry Island									22
	Seal Rock									23
	Flat Point									24
	West Passage									25
	Conanicut Island									26
	Conanicut Point									27

GEOGRAPHIC NAMES

Survey No.

T-5751

GEOGRAPHIC NAMES											
Survey No.											
T-5751											
3	Name on Survey	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List		
	A	B	C	D	E	F	G	H	K		
	Conanicut Park									1	
	Sand Point									2	
	East Shore Road									3	
	North Main Road									4	
	Carr Lane									5	
	Cranston Cove									6	
	Jamestown Reservoir									7	
	Jamestown Cemetery									8	
	Eldridge Avenue									9	
	Jamestown-North Kingstown Bridge				(as on nautical charts)					10	
	Plum Beach Point									11	
	Plum Beach									12	
	Greene Point									13	
	Wannuchacmeant Brook									14	
	Hamilton									15	
	Bissel Cove									16	
	Rome Point									17	
	The Clump		(added name)							18	
	Fox Island									19	
	Annaquatucket River									20	
	Wild Goose Point									21	
	Little Tree Point									22	
	Duck Cove									23	
	Cold Spring Beach									24	
	Poplar Point									25	
	Big Rock Point									26	
	Wickford									27	

GEOGRAPHIC NAMES

Survey No. T-5751

GEOGRAPHIC NAMES											
Survey No. T-5751											
4	Name on Survey										
		A	B	C	D	E	F	G	H	K	
	<u>Wickford Cove</u>										1
	<u>Wickford Harbor</u>										2
	<u>Boston Post Road</u>										3
	<u>Cedar Tree Point</u>			(added name)							4
	<u>Long Point</u>			"	"						5
	<u>Mill Cove</u>										6
	<u>Cornelius Island</u>										7
	<u>Rabbit Island</u>										8
	<u>Fishing Cove</u>										9
	<u>Calf Neck</u>										10
	<u>Mill Creek</u>										11
	<u>Sauga Point</u>										12
	<u>Shore Acres</u>										13
	<u>Camp Avenue</u>										14
	<u>U.S. Naval Air Station</u>										15
	<u>Quonset Point</u>									USGB	16
	<u>Hall Creek</u>										17
	<u>Fries Pond</u>										18
	<u>North Kingstown Beach</u>			(not Kingston)							19
	<u>Davisville Depot</u>			(as on charts 236, 353)							20
	<u>Spink Neck</u>										21
	<u>Allen Harbor</u>										22
	<u>Calf Pasture Point</u>										23
	<u>Quidnessett Road</u>										24
	<u>Quidnessett</u>										25
	<u>Potowomut Pond</u>										26
	<u>Potowomut River</u>										27

Names underlined in red are approved.

4/20/49

M 234

Names underlined in red
are approved. 4/20/49

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Review Report of
Shoreline Map Manuscript T-5751

Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

26 Control

The only triangulation stations shown on the map manuscript are those used in controlling the radial plot. These and all the U.S.C.&G.S. triangulation stations within the detail limits of the map manuscript have been listed on a Form M 2388-12 and made a part of the descriptive report.

The most recent recovery notes, available on most stations established before 1944, were made in 1934.

28 Detailing

The map manuscript could not be detailed south of Lat. $41^{\circ} 31'.5$ because of insufficient photographic coverage. The shoreline south of Wickford, Hope I., Conanicut I., Fox I., part of Gould and Prudence Islands, and all offshore rocks and islets were compiled from nine lens photographs, taken in 1941, by office interpretation.

The area covered by the map manuscript has undergone extensive changes since 1941. Areas covered by both 1941 and 1944 photography show new piers, wharves, harbors and buildings on the later photographs. A flight of 1946 photographs 46 C 197-199, show many changes since the 1944 photography in the vicinity of Quonset Point. The latest changes were not shown on the map manuscript because of the limited area ~~they~~ covered by the recent photography.

No cable terminals or bridge clearance information was determined in the field.

34 Landmarks and Aids to Navigation

The landmarks and aids to navigation within the area covered by the map manuscript were not investigated by the field inspector. See Chart Letters 680(43) and 767 (44) for the latest recommendations. The only landmarks and aids to navigation that are shown on the map manuscript are also triangulation stations that were used in the radial plot.

37 Photo-Hydro and Topographic Stations

No stations were established on T-5751.

43 Comparison with Contemporary Hydrographic Surveys

H 6859	1:10,000	1943
H 6970	1:10,000	1944

A visual comparison disclosed no discrepancies between the position of the shoreline on the map manuscript and the soundings on the hydrographic surveys.

44 Comparison with Existing Surveys

USE Wickford Quadrangle	1:25,000	1944
USGS Prudence I. Quadrangle	1:31,680	1942
T-896	1:10,000	1862
T-897	1:10,000	1861
T-911	1:10,000	1869
T-912	1:10,000	1868
T-1054	1:10,000	1866
T-1119	1:10,000	1869
T-1162	1:10,000	1870
T-6116	1:5,000	1934
T-6908	1:10,000	1943

~~Common details on all surveys prior to 1941 are superseded by the map manuscript in common area.~~

45 Comparison with Nautical Charts

Chart No. 353	1:40,000	1945 Corr. 1948
236	1:20,000	1945 Corr. 1948

The map manuscript has been applied to the nautical charts. Landmarks and aids to navigation, cable areas and bridge clearances were added to the nautical charts from other sources.

Construction of bulkheads has changed the northern end of Gould Island since the date of the map manuscript. A new pier is shown on the charts on Conanicut Island opposite Gould Island.

46 Classification

By authority of the Security Classification Map dated Dec. 16, 1946, all photographs of the Narragansett Bay area are Confidential. The photographs, the map manuscript and the Descriptive Report are so marked.

Reviewed by:

Charles Theurer
C. Theurer May 2, 1949

Under the direction of:

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